# FGDC Annual Report to OMB
## Format for Agency Reports – FY 2004

The following outline should be used by FGDC Member Agencies (or Bureaus) for their Annual Spatial Data Reports, which will be consolidated by the FGDC and submitted to OMB. Reports **should be brief, using bullets where possible**. Please provide only the information that will be useful for OMB to assess the agencies' achievements and for establishing future direction.

## Part A
## GENERAL FEDERAL AGENCY RESPONSIBILITIES REPORT (All Agencies)

1. Agency or Bureau:

   Federal Communications Commission (FCC)

2. Name of Contact for Report: Email: Phone #:

   Donald Draper Campbell donald.campbell@fcc,gov 202-418-2405

3. Steering Committee Member: Email: Phone #:

   Edmond J. Thomas ed.thomas@fcc.gov 202-418-2470

4. Coordination Group Participant(s): Email: Phone #:

   Donald Draper Campbell donald.campbell@fcc.gov 202-418-2405

5. Subcommittee or Working Group Participation (Subcommittees or Working Groups your agency is involved with, but does not lead).

   Coordination Group; Homeland Security Working Group; Marine Boundaries; Tribal; and Federal Geodetic Control Subcommittee & GPS Interagency Advisory Council.

6. Strategy: Has your agency prepared a detailed strategy for integrating geographic information and spatial data activities into your business process - in coordination with the FGDC strategy, pursuant to OMB Circular A-16? If yes, briefly describe.

   The principle function of the Commission is the licensing of radio communications facilities which requires an applicant to file an application to construct, build and operate a facility. Many of the applications have a geospatial component which identifies where the facility is to be located and the area served. This geospatial

information is needed to minimize harmful interference to other facilities and maximize spectrum utilization.

7. Compliance: How are your spatial data holdings compliant with FGDC Standards? How is your agency involved in Framework Standards development and adoption? Also, please list the FGDC Standards you are using or plan to use in your organization.

   The FCC is in the process of reviewing our licensing databases vis-à-vis compliance with the National Spatial Data Infrastructure (NSDI) standards. We know that in the case of one licensing system, coordinate data is North American Datum of 1927 (NAD 27) but not North American Datum of 1983 (NAD 83) compliant. In order to convert to NAD 83, a rulemaking is required.

   We are seeking funds internally in FY05 generate metadata for all our systems that contain geospatial data and to determine the FGDC Standards the FCC plans to use.

8. Performance Measures: Does your agency have performance measures for spatial data activities? If so, please list the measures and target and describe how they contribute to development of the NSDI.

   The FCC does not have performance measurements for spatial data.

9. Reducing Redundancy of Planned Acquisitions Do you use the Geospatial One-Stop portal, geodata.gov, to ensure that the data are not already available?

   Our geospatial data is obtained as part of the licensing of telecommunications facilities and thus is unique to the facility. The data is supplied by the applicant for a telecommunications facility. This data is not available from other sources.

10. Collection: Do your agency contracts and grants involving data collection include costs for following and using NSDI standards?

    The FCC does not issue contracts and grants to acquire geospatial data.

11. Clearinghouse for Existing Data: Is all the data and/or metadata that your agency is able to share with the public published on the NSDI Clearinghouse? If not, please cite barriers encountered.

    Yes.

12. Clearinghouse for Planned Investments: Is your agency posting information on planned investments in geospatial information to the Geospatial One-Stop portal to encourage partnerships and leverage investments in the acquisition of geospatial data? If not, please cite when you will begin doing so and what barriers you have encountered that would prevent posting this information.

    The bulk of the Commission's geospatial data collection (> 99.99%) is derived from applications for authority to construct and operate telecommunication's facilities. All the applications have a geospatial component which identifies where the facility is to be located and the area served. The Commission does / has acquired some geospatial data which defines political boundaries, land usage, topography, *etc.*, which is needed in evaluating applications and conducting rulemakings.

13. Geodata.gov: If metadata for your agency's geospatial data/information holdings is on a Clearinghouse Node already, has that Node been registered on geodata.gov for scheduled harvesting visits? If not, when is the Node scheduled to begin regular visits by the geodata.gov harvester?

    At the present time, the FCC does not have metadata for its licensing system databases on the Clearinghouse Node. However, we have documentation on these systems on the FCC's website. We plan to create FGDC compliant metadata for these licensing databases.

14. E-Gov: How are you using geospatial data in your mission activities to provide better services? (Please list)

    - In order to protect radio telecommunications facilities from harmful interference, frequency coordinators need to know the location of facilities which need to be protected from interference.
    - In order to comply with the RF Safety rules, licensees and potential licensees need to be able to identify and take into consideration other radio facilities located nearby.
    - The Commission is statutorily required to make sure that antenna structures comply with FAA air safety rules and regulations which requires the use of FAA databases which identify the location and orientation of airport runways.
    - The Commission is also statutorily required to make sure that licensees comply with the various Environmental and Historic Preservation acts.

15. Geospatial One-Stop: How is your agency involved in the Geospatial One-Stop (Funding Partner, Channel Stewardship, geospatial framework data interoperability pilots, posting standards based Web Mapping services to the portal, etc)?

We are closely following the progress of Geospatial One-Stop and are trying to determine how we best fit into the process.

16. Enterprise Architecture: Is geospatial data a component of your enterprise architecture? Please provide a brief summary of how geospatial data fits into your enterprise architecture.

    As part of its enterprise architecture, the FCC has analyzed the business processes, systems and data associated with licensing. We maintain logical and physical data models for its licensing systems. The FCC's Enterprise Architecture includes the following geospatial data elements which we categorize as part of the Facility Description Data: Street, County, City, State, Zip, latitude, longitude, North American Datum and Facility Elevation (AMSL). In some case, we also capture the service area of telecommunications facility which is defined by point (latitude/longitude) and radius (km), a polygon (latitude/longitude points) or geographical areas (states, counties, etc.)

17. Partnerships: What efforts are being taken to coordinate data and build partnerships at the field level for data collection and standards development? Identify partnerships and data sharing activities with other federal agencies, state, local, and tribal governments and other entities. Does your agency have any formal agreements or MOU's concerning data sharing and integration?

    - The FCC has established a tower construction notification system that allows companies to voluntarily submit notifications of proposed tower to Indian Tribes, the Native Hawaiian Organization (NHO), and State Historic Preservation Officers (SHPOs), and allows them to respond directly to the companies if they have concerns about a proposed construction.
    - The FCC has entered into a Memorandum of Understanding (MOU) with National Geo-Intelligence Agency (NGA) to share antenna structure information to verify data contained in the respective agencies databases.
    - All of the FCC licensing data is available as bulk data from the FCC website for public use without any restriction.

18. Concerns or Lessons Learned: Are there areas or issues regarding spatial data that require attention or lessons learned that you would like to share with others? Please describe.

    NONE.